

Project Description

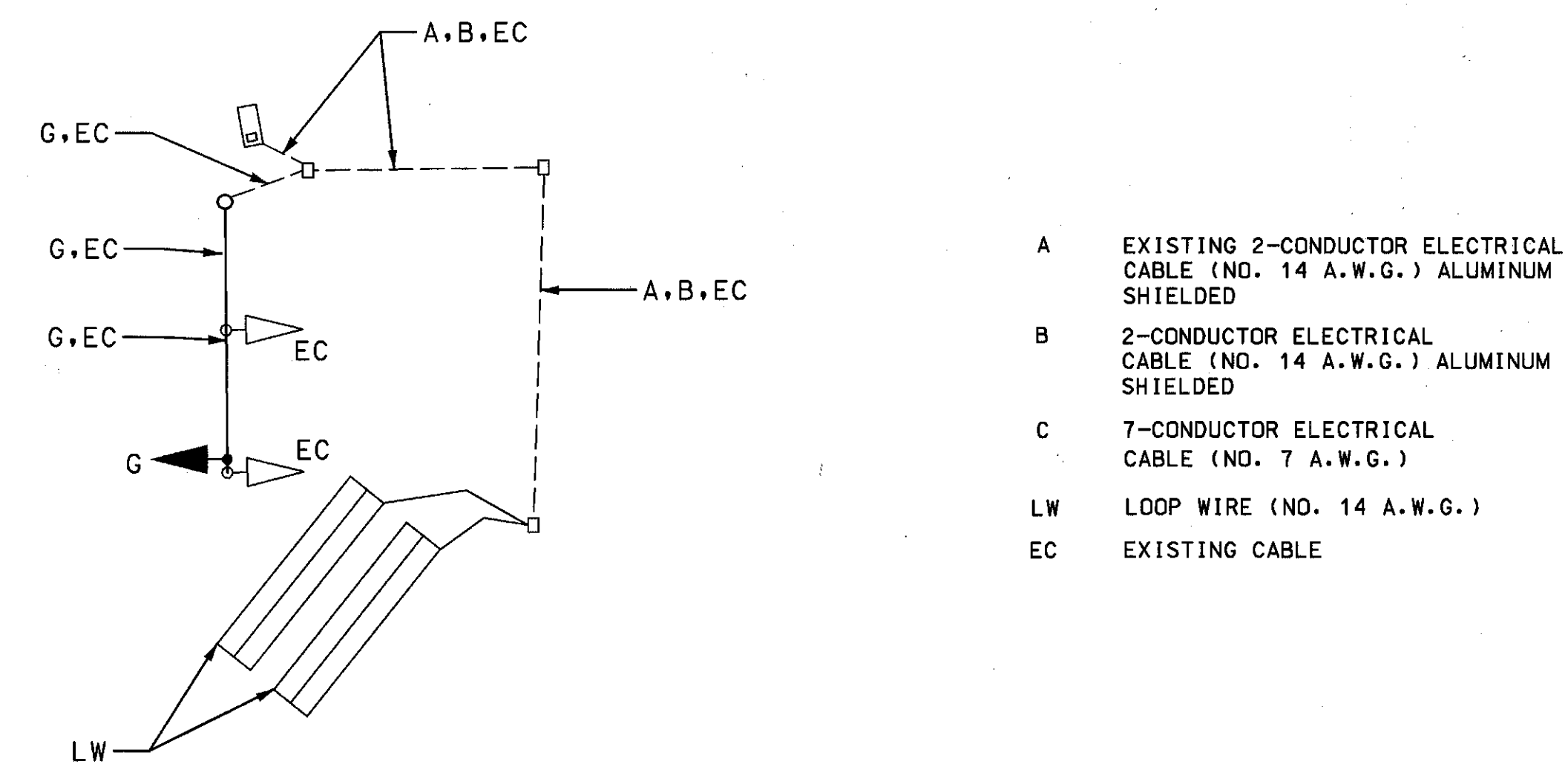
This project involves the construction of a double left turn lane from Southbound MD 70 to Eastbound US 50 in Anne Arundel county. MD 70 is assumed to run in a North-South direction.

Controller Operation

The existing eight-phase fully actuated NEMA controller will be used. The controller operates as a three phase full-traffic-actuated controller with a seperate phase for the Northbound MD 70 through movement and Southbound MD 70 left turn movement.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR		
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5004	30 LF	24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5006	4 EACH	HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
8021	275 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	20 LF	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8040	960 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8041	150 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8045	110 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
----	1 EA	FURNISH AND INSTALL 1-WAY, 3-SECTION (RA,YA,GA) TRAFFIC SIGNAL HEAD - MAST ARM MOUNTED
----	LS	REMOVE CANTILEVER SIGN STRUCTURE, SIGN, LUMINAIRES, BRACKETS, ETC. AND DELEVER TO OFFICE OF TRAFFIC AND SAFETY

WIRING DIAGRAM



REVISIONS	APPROVALS	MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET MD 70 AND US 50 RAMP 'B' SPUR	
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	DRAWN BY: T.M.Z	F.A.P. NO.
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	CHECKED BY: K.W.S	S.H.A. NO.
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	SCALE: NONE	COUNTY: ANNE ARUNDEL
	DIRECTOR, TRAFFIC & SAFETY	DATE: 1-6-00	LOG MILE: 02007001.74
		TS NO. 3468A	SHEET NO. 2 OF 2